



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Peter Schroeder et al. Art Unit : 2671
Serial No.: 09/658,214 Examiner : Adam Arnold
Filed : September 8, 2000
Title: COMPRESSION OF 3D SURFACES USING PROGRESSIVE GEOMETRY

MAIL STOP PETITION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION TO CORRECT INVENTORSHIP UNDER 37 CFR §1.48(a)

Pursuant to 37 CFR §1.48(a), applicants hereby petition to correct inventorship on the above-identified patent application. An error, which occurred without deceptive intent on the part of the person who was not named as an inventor, is hereby corrected.

As filed, the application for patent named Peter Schroeder as the sole inventor. Through error and without any deceptive intent on the part of Wim Sweldens and Andrei Khodakovsky, the application for the above-identified patent was filed without naming Wim Sweldens and Andrei Khodakovsky as co-inventors with Peter Schroeder.

In support of this petition, the following documents are filed herewith:

- (1) Declaration of Wim Sweldens;
- (2) Declaration of Andrei Khodakovsky;

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130.00 DP

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit

January 27, 2005

Signature

Carroll Allman

Typed or Printed Name of Person Signing Certificate

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Applicant : Peter Schroeder et al.
Serial No. : 09/658,214
Filed : September 8, 2000
Page : 2 of 2

Attorney's Docket No.: 06618-
579001 / CIT3148

(3) Consent of Assignee Lucent Technologies, Inc. to the correction of inventorship;

(4) Consent of Assignee California Institute of Technology to the correction of inventorship;

(5) Inventors' Declaration signed by Peter Schroeder, Andrei Khodakovsky, and Wim Sweldens;

(6) Assignment signed by Peter Schroeder

(7) Assignment signed by Wim Sweldens;

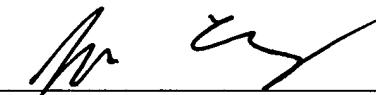
(8) Assignment signed by Andrei Khodakovsky;

(9) A check in the amount of \$130.00 for payment of the fee under 37 CFR §1.20(b).

Accordingly, it is proper to name Peter Schroeder, Andrei Khodakovsky, and Wim Sweldens as co-inventors on this patent application. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: January 27, 2005



Scott C. Harris
Reg. No. 32,030

By John F. Conroy
Reg. No. 45,485

Fish & Richardson P.C.
USPTO Customer No. 20985
12390 El Camino Real
San Diego, California 92130
Telephone: (858) 678-5070
Facsimile: (858) 678-5099



Attorney's Docket No.: 06618-579001 / CIT3148

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Peter Schroeder et al. Art Unit : 2671
 Serial No.: 09/658,214 Examiner : Adam Arnold
 Filed : September 8, 2000
 Title : COMPRESSION OF 3D SURFACES USING PROGRESSIVE GEOMETRY

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

PETITION TO CORRECT INVENTORSHIP
INVENTOR'S DECLARATION UNDER 37 CFR §1.48

I, WIM SWELDENS, hereby declare:

1. I am a co-inventor of the invention currently claimed in the above-identified patent application.
2. At the time the invention was made, I was an employee of Lucent Technologies, Inc. having a place of business at 600 Mountain Ave., Murray Hill, N.J. 07974.
3. Through error, the above-identified application was filed naming Peter Schroeder as the sole inventor and without naming me as a co-inventor.
4. This error of failing to name me as a co-inventor occurred without any deceptive intent on my part.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

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 Certificate

Jan. 27, 2005
Carroll Allman

Applicant: Peter Schroeder et al. Attorney's Dkt No.:06618-579001/CIT3148
Serial No.: 09/658,214
Filed : September 8, 2000
Page : 2 of 2

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 11/30/2004

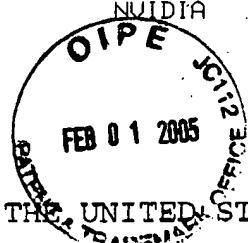


WIM SWELDEN'S
29 Morehouse Pl.
New Providence, N.J. 07974
Title: _____

Fish & Richardson P.C.
12390 El Camino Real
San Diego, California 92130
Telephone: (858) 678-5070
Facsimile: (858) 678-5099

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Attorney's Docket No.: 06618-579001 / CIT3148



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Peter Schroeder et al. Art Unit : 2671
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Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

PETITION TO CORRECT INVENTORSHIP
INVENTOR'S DECLARATION UNDER 37 CFR §1.48

I, ANDREI KHODAKOVSKY, hereby declare:

1. I am a co-inventor of the invention currently claimed in the above-identified patent application.
2. At the time the invention was made, I was an employee of California Institute of Technology, a non-profit organization having a place of business at: 1200 East California Boulevard, Pasadena, CA 91125.
3. Through error, the above-identified application was filed naming Peter Schroeder as the sole inventor and without naming me as a co-inventor.
4. This error of failing to name me as a co-inventor occurred without any deceptive intent on my part.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

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Jan. 27, 2005
 Date of Deposit

Carroll Allman
 Signature
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 Certificate

Applicant: Peter Schroeder et al. Attorney's Dkt No.:06618-579001/CIT3148
Serial No.: 09/658,214
Filed : September 8, 2000
Page : 2 of 2

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 01/14/2005


ANDREI KHODAKOVSKY
2200 Monroe St. Apt 1507
Santa Clara, CA 95050

Fish & Richardson P.C.
12390 El Camino Real
San Diego, California 92130
Telephone: (858) 678-5070
Facsimile: (858) 678-5099

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Attorney's Docket No.: 06618-579001 / CIT3148

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CONSENT OF ASSIGNEE UNDER 37 CFR §1.48 & §3.73(B)

I am a Managing Corporate Counsel for Lucent Technologies, Inc., an assignee of the above-identified patent application. I am authorized to act on behalf of Lucent Technologies, Inc. in this matter. On behalf of Lucent Technologies, Inc., I hereby agree to the change of inventorship on the above-identified patent application, so that Mr. Wim Sweldens, Mr. Andrei Khodakovsky, and Mr. Peter Schroeder are named as joint inventors. The assignment from Mr. Sweldens and Mr. Schroeder was recorded in the Patent and Trademark Office at Reel/Frame number 012755/0221, on May 31, 2002. A copy of this assignment is submitted herewith. An assignment from Mr. Khodakovsky is also submitted herewith.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Jan. 27, 2005

Date of Deposit

Carroll R. C.

Signature

Carroll Allman

Typed or Printed Name of Person signing
Certificate

Applicant: Peter Schroeder et al.
Serial No.: 09/658,214
Filed : September 8, 2000
Page : 2 of 2

Attorney's Dkt No.: 06618-579001/CIT3148

Respectfully submitted,

Date: 1/30/05



Name: Christopher N. Malvone

Title: Managing Corporate Counsel
Lucent Technologies, Inc.

Fish & Richardson P.C.
12390 El Camino Real
San Diego, California 92130
Telephone: (858) 678-5070
Facsimile: (858) 678-5099

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CERTIFICATE

I, William R. Carapezzi, Jr., do hereby certify that Christopher Malvone is authorized to execute certain documents relating to patents, utility models, designs and trademarks on behalf of Lucent Technologies Inc. of 600 Mountain Avenue, Murray Hill, New Jersey, 07974 U.S.A.

Lucent Technologies Inc.
(Corporation Name)

by William R. Carapezzi, Jr.
(Signature)

William R. Carapezzi, Jr.
(Name of Representative)

Senior Vice President, General Counsel, and Secretary
(Title of Representative)

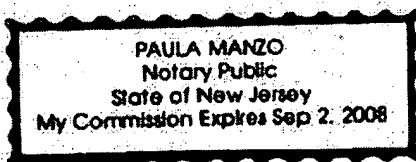
DATE: 11/30/04

Signed before me:

NOTARY SEAL

Paula Manzo
Notary Public

DATE: November 30, 2004





Attorney's Docket No.: 06618-579001 / CIT3148

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Peter Schroeder et al. Art Unit : 2671
Serial No.: 09/658,214 Examiner : Adam Arnold
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Title : COMPRESSION OF 3D SURFACES USING PROGRESSIVE GEOMETRY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CONSENT OF ASSIGNEE UNDER 37 CFR §1.48 & §3.73(B)

I am Intellectual Property Counsel to the California Institute of Technology, an assignee of the above-identified patent application. I am authorized to act on behalf of the California Institute of Technology in this matter. On behalf of the California Institute of Technology, I hereby agree to the change of inventorship on the above-identified patent application, so that Mr. Wim Sweldens, Mr. Andrei Khodakovsky, and Mr. Peter Schroeder are named as joint inventors. The assignment from Mr. Sweldens and Mr. Schroeder was recorded in the Patent and Trademark Office at Reel/Frame number 012755/0221, on May 31, 2002. A copy of this assignment is submitted herewith. An assignment from Mr. Khodakovsky is also submitted herewith.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

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Date of Deposit

Aug. 27, 2905

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Carroll Allman

Typed or Printed Name of Person Signing
Certificate

Applicant: Peter Schroeder et al.
Serial No.: 09/658,214
Filed : September 8, 2000
Page : 2 of 2

Attorney's Dkt No.: 06618-579001/CIT3148

Respectfully submitted,

Date: January 14, 2005



ADAM COCHRAN, ESQ.
Intellectual Property Counsel

Fish & Richardson P.C.
12390 El Camino Real
San Diego, California 92130
Telephone: (858) 678-5070
Facsimile: (858) 678-5099

10473368.doc

FEB 8 1 2005

Attorney's Docket No.: 06618-579001
Client's Ref. No.: CIT3148

DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled COMPRESSION OF 3D SURFACES USING PROGRESSIVE GEOMETRY, the specification of which:

[X] was filed on September 8, 2000 as Application Serial No. 09/658,214 and was amended on December 2, 2004.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, §119(e)(1) of any United States provisional application(s) listed below:

U.S. Serial No.	Filing Date	Status
60/176,155	01/14/00	Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: PETER SCHROEDER

Inventor's Signature: 

Date: 1/10/05

Residence Address:

Altadena, CA

Citizenship:

USA

Post Office Address:

160 Jaxine Drive
Altadena, CA 91001

Full Name of Inventor: WIM SWELDENS

Inventor's Signature:

Date: _____

Residence Address:

New Providence, NJ

Citizenship:

USA

Post Office Address:

29 Morehouse Pl.
New Providence, NJ 07974

Full Name of Inventor: ANDREI KHODAKOVSKY

Inventor's Signature:

Date: _____

Residence Address:

Santa Clara

Citizenship:

Russia

Post Office Address:

2200 Monroe St. Apt 1507
Santa Clara, CA 95050

Attorney's Docket No.: 06618-579001
Client's Ref. No.: CIT3148

DECLARATION

As a below named inventor, I hereby declare that:

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Full Name of Inventor: PETER SCHROEDER

Inventor's Signature: _____ Date: _____
 Residence Address: Altadena, CA
 Citizenship: USA
 Post Office Address: 160 Jaxine Drive
 Altadena, CA 91001

Full Name of Inventor: WIM SWELDENS

Inventor's Signature: _____ Date: 1/13/2005
 Residence Address: New Providence, NJ
 Citizenship: Belgium
 Post Office Address: 29 Morehouse Pl.
 New Providence, NJ 07974

Full Name of Inventor: ANDREI KHODAKOVSKY

Inventor's Signature: _____ Date: _____
 Residence Address: Santa Clara
 Citizenship: Russia
 Post Office Address: 2200 Monroe St. Apt 1507
 Santa Clara, CA 95050

Attorney's Docket No.: 06618-579001
Client's Ref. No.: CIT3148

DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

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Full Name of Inventor: PETER SCHROEDER

Inventor's Signature: _____ Date: _____
 Residence Address: Altadena, CA
 Citizenship: USA
 Post Office Address: 160 Jaxine Drive
 Altadena, CA 91001

Full Name of Inventor: WIM SWELDENS

Inventor's Signature: _____ Date: _____
 Residence Address: New Providence, NJ
 Citizenship: USA
 Post Office Address: 29 Morehouse Pl.
 New Providence, NJ 07974

Full Name of Inventor: ANDREI KHODAKOVSKY

Inventor's Signature: _____ Date: 01/10/2005
 Residence Address: Santa Clara
 Citizenship: Russia
 Post Office Address: 2200 Monroe St. Apt 1507
 Santa Clara, CA 95050



ASSIGNMENT

For valuable consideration, I, PETER SCHROEDER of Pasadena, hereby assign to: California Institute of Technology, a non-profit organization having a place of business at: 1200 East California Boulevard, Pasadena, CA 91125; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled COMPRESSION OF 3D SURFACES USING PROGRESSIVE GEOMETRY, filed September 8, 2000, and assigned U.S. Serial Number 09/658,214, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: 5/16/02


PETER SCHROEDER

ASSIGNMENT

For valuable consideration, I, WIM SWELDENS of New Providence, hereby assign to: Lucent Technologies, Inc., a corporation having a place of business at: 600 Mountain Avenue, Murray Hill, NJ 07974; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled COMPRESSION OF 3D SURFACES USING PROGRESSIVE GEOMETRY, filed September 8, 2000, and assigned U.S. Serial Number 09/658,214, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: 5/28/02



WIM SWELDENS

ASSIGNMENT

For valuable consideration, I, ANDREI KHODAKOVSKY of Santa Clara, CA, hereby assign to: California Institute of Technology, a non-profit organization having a place of business at: 1200 East California Boulevard, Pasadena, CA 91125; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled COMPRESSION OF 3D SURFACES USING PROGRESSIVE GEOMETRY, filed September 8, 2000, and assigned U.S. Serial Number 09/658,214, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: 01/10/2005

ANDREI KHODAKOVSKY

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